Interference Searched

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(pointed with member) and (arms with protrusion) and (pivot) and (grip$3) and (heart).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/12 09:48
L2	0	(pointed with member) and (arms with tapered) and (pivot) and (grip$3) and (heart).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/12 09:49
L3	6	(pointed with member) and (arms) and (pivot) and (grip$3) and (heart).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/12 09:49

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	"5417700"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 09:13
S2	14	("1822330" | "2336689" | "3513848" | "3608095" | "3608539" | "4050100" | "4265246" | "4312337" | "4369787" | "4583540" | "4590929" | "4635638" | "4935027" | "4957498").PN.	USPAT	OR	OFF	2002/07/22 08:42
S3	108	"4957498".URPN.	USPAT	OR	OFF	2002/07/22 08:47
S4	83	("0984756" | "1037864" | "1131163" | "1155378" | "1293565" | "1293660" | "1449087" | "1876792" | "2213830" | "2601564" | "2716615" | "2880728" | "3073311" | "3090386" | "3349772" | "3470875" | "3664345" | "3714671" | "3807407" | "3842840" | "3901244" | "3946740" | "4021896" | "4034850" | "4038988" | "4109658" | "4161951" | "4164225" | "4182341" | "4236470" | "4266552" | "4345601" | "4373530" | "4471781" | "4491135" | "4549545" | "4580567" | "4621640" | "4635638" | "4823794" | "4826487" | "4827931" | "4834713" | "4890615" | "4898155" | "4917089" | "4923461" | "4935027" | "4957498" | "4983176" | "5059201" | "5100042" | "5123528" | "5171257" | "5181919" | "5188636" | "5207693" | "5217471" | "5219359" | "5224948" | "5242458" | "5254126" | "5259846" | "5261917" | "5281220" | "5284488" | "5300082" | "5306290" | "5336191" | "5344061" | "5366480" | "5389103" | "5433727" | "5454823" | "5474057" | "5478344" | "5478345" | "5480406" | "5571090" | "5618270" | "5632751" | "5632752" | "5645552").PN.	USPAT	OR	OFF	2002/07/22 08:56

S5	754	606/139.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:23
S6	825	606/151.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:26
S7	362	606/153.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 09:51
S8	301	606/157.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:23
S9	201	606/151.ccls. and gripping	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:56
S10	36	606/151.ccls. and gripping and shaft and rod	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/22 10:59
S11	13	606/151.ccls. and gripping and shaft and rod and cap	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/23 15:42
S12	1	606/159.ccls. and gripping and shaft and rod and (cap same distal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/23 16:04
S13	33	606/159.ccls. and gripping and shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/07/23 16:04
S14	1166739	606/151,153,157,159.ccls. and heart valve leaflets	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/01/11 12:27

EAST Search History

S15	2289	606/151,153,157,159.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/01/11 12:28
S16	37	606/151,153,157,159.ccls. and(heart adj valve or heart adj leaflet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/07 12:57
S17	2	"6165183".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/01/11 12:45
S18	9	("5042707" | "5209756" | "5417700" | "5423858" | "5478353" | "5713910" | "5797927" | "5810847" | "5947363").PN.	USPAT	OR	OFF	2003/01/11 12:45
S19	1	"6165183".URPN.	USPAT	OR	OFF	2003/01/11 12:48
S20	4	kuehn-stephen.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 16:56
S21	0	kuehn-stephen.IN. and valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/07 13:01
S22	2	"6165183".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/07 13:02
S23	9	("5042707" | "5209756" | "5417700" | "5423858" | "5478353" | "5713910" | "5797927" | "5810847" | "5947363").PN.	USPAT	OR	OFF	2003/05/07 13:05
S24	2	"6165183".URPN.	USPAT	OR	OFF	2003/05/07 13:11
S25	11	("5423882" | "5450860" | "5478309" | "5522873" | "5824065" | "5827237" | "5833671" | "5879307" | "5885271" | "6019722" | "6165183").PN.	USPAT	OR	OFF	2003/05/07 13:13
S26	1	"6312447".URPN.	USPAT	OR	OFF	2003/05/07 13:18

EAST Search History

S27	404	(ring near4 tube or tubular) and 606/151.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 17:01
S28	1	(ring with (applicator or tube or tubular) same (spring with lock)and 606/151.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 18:07
S29	9	("5042707" | "5209756" | "5417700" | "5423858" | "5478353" | "5713910" | "5797927" | "5810847" | "5947363").PN.	USPAT	OR	OFF	2003/05/20 17:06
S30	2	"6165183".URPN.	USPAT	OR	OFF	2003/05/20 17:14
S31	19	(ring with (applicator or tube or tubular) same (spring) and 606/151.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 18:44
S32	16	(shaft or tube or sheath with cap)same (gripper with rod) and ("606"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:11
S33	0	(shaft or tube or sheath with cap near4 pivot)same (gripper near4 arms with rod) and ("606"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:14
S34	0	(gripper with arms with pivot) same (cap with pivot with tube or shaft)and ("606"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:18
S35	0	gripper with arms)same(cap with pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:19
S36	0	gripper with arms)same(cap near4 pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:20
S37	0	gripper with arms)same(cap near4 pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:20

S38	0	gripper with arms)same(cap near4 pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:21
S39	0	gripper with arms)same(cap adj4 pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:22
S40	0	gripper with arms)same(cap adj4 pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:22
S41	54	gripper with arms)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:32
S42	51	cap with pivot)and("606"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/20 19:33
S43	0	(gripper with arms)same (cap with pivot) and (606/157-158,213, 215-217,220-221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:40
S44	0	(gripper with arms)same(cap with pivot) and (606/157-158,213, 215-217,220-221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:41
S45	0	(gripper with arms)and(cap with pivot) and (606/157-158,213, 215-217,220-221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:41
S46	0	((gripper with arms)and(cap with pivot) and (606/157-158,213, 215-217,220-221.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 11:43
S47	14	(gripper with arms)and (606/157, 158,213,215,216,217,220,221.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 12:23

S48	4	"3874388".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 12:24
S49	9	("2493326" | "2799273" | "3334629" | "3397699" | "3540431" | "3574865" | "3592184" | "3671979" | "3675639").PN.	USPAT	OR	OFF	2003/05/21 12:25
S50	137	"3874388".URPN.	USPAT	OR	OFF	2003/05/21 12:45
S51	2	"6503274".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:20
S52	2	"6368348".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:23
S53	2	"6419696".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:25
S54	2	"6217610".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:27
S55	2	"5888240".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:29
S56	2	"6217610".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:29
S57	2	"6406493".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/21 17:29
S58	8	hinnenkamp-thomas-f.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/27 09:46

S59	19	("3828787" | "3860005" | "4655218" | "4679556" | "4683883" | "4755181" | "4865600" | "4932965" | "5041130" | "5236450" | "5350420" | "5370685" | "5403305" | "5443502" | "5476510" | "5480425" | "5578076" | "5735894" | "5824068").PN.	USPAT	OR	OFF	2004/10/27 09:39
S60	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/27 09:47
S65	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 10:47
S66	11	hinnenkamp-thomas-f.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:03
S67	15	holmberg-william-r.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:06
S68	8	shepherd-terry-l.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:07
S69	2	"6695866".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:06
S70	2	"6165183".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:06

S71	27	("3671979" | "3874388" | "5042707" | "5181919" | "5209756" | "5403326" | "5417700" | "5423858" | "5425738" | "5478353" | "5496310" | "5549122" | "5609598" | "5702048" | "5713910" | "5797927" | "5810847" | "5855614" | "5891162" | "5947363" | "5954731" | "5957936" | "5976164" | "6017358" | "6086600" | "6120513" | "6269819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/30 07:12
S72	1	("6695866").URPN.	USPAT	OR	OFF	2005/06/30 07:26
S73	3	(leaflet adj fastener with arms) and (pivot) and (gripping) and (tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:29
S74	71	(fastener with arms) and (pivot) and (gripping) and (tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:44
S75	11	S74 and heart	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:29
S76	59	(shaft or tube) and (cap) and (arms) and (gripper) and (rod or wire)and (tissue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:46
S77	5	S76 and (spike) and (pivot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 07:47

S78	94	("0002182" | "0415175" | "0715612" | "0816026" | "1200594" | "1452373" | "1906527" | "1933317" | "2254620" | "2356376" | "2668538" | "2811971" | "2910067" | "3110899" | "3150379" | "3203220" | "3205757" | "3378010" | "3526257" | "3618447" | "3631707" | "3716058" | "4052988" | "4064881" | "4162678" | "4164225" | "4256251" | "4345600" | "4399810" | "4406392" | "4448194" | "4451254" | "4493322" | "4506669" | "4506819" | "4523591" | "4523695" | "4526173" | "4527725" | "4527726" | "4535772" | "4569469" | "4591086" | "4595007" | "4605002" | "4610251" | "4612923" | "4688560" | "4712550" | "4744365" | "4753636" | "4815468" | "4832026" | "4834098" | "4841960" | "4858603" | "4865032" | "4869242" | "4873976" | "4874122" | "4887756" | "4895148" | "4898186" | "4899745" | "4924866" | "4944742" | "4973211" | "4976686" | "5004469" | "5007921" | "5026374" | "5047047" | "5156609" | "5158566").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/30 07:56
S79	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 18:16
S80	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/08 11:33
S81	2	"5578076".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 11:26
S82	16	("4605002"|"4655218"|"5453086"|" 5578076"|"5618307"|"5732872"|"60 19790"|"6695866").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 11:27

S83	10	("1982209" | "2626608" | "3265069" | "3916908" | "4106508" | "4226240" | "4345600").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 12:53
S84	0	(pointed with member) same (arms) same (pivot) same (grip$3) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 12:55
S85	24	(pointed with member) and (arms) and (pivot) and (grip$3) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 12:56
S86	10	S85 and @pd<"19980715"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 13:08
S87	0	(cap) same (slide$3 with gripper) same (arms with spike) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 13:10
S88	0	(cap) and (slide$3 with gripper) and (arms with spike) and (heart)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/16 13:10
S89	4	"3916908".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:17
S90	2	"5601572".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:56
S91	5	"694293".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 10:59

S92	13	kuehn with stephen.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:01
S93	8	shepherd with terry.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:03
S94	20	holmberg with william.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:10
S95	14	(arms or arm) same (taper$3 with protrusion) and (heart)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 11:25
S96	0	(arms) and (blind with taper$3) and (arms with pivot with grip$4) and (heart)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:02
S97	2	(arms) and (blind with taper$3) and (arms with pivot with grip$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/26 16:02
S98	25	("0358016" | "0507817" | "0510897" | "1498488" | "1962814" | "2037834" | "2375081" | "2470327" | "2484043" | "2486851" | "4010532" | "4360136" | "5168616" | "5177848" | "6006410").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 16:11
S99	4	("6240614").URPN.	USPAT	OR	OFF	2007/03/26 16:41

S10 0	2	"5601572".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 09:13
S10 1	2	"6440120".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/27 09:13
S10 2	24	("2625934" | "3459175" | "3874388" | "4508535" | "4593690" | "4610661" | "4784639" | "4795446" | "5058934" | "5146925" | "5192286" | "5339809" | "5695519" | "5715818" | "5769816" | "5827324" | "5895399" | "5980503" | "6019753" | "6021816" | "6053932" | "6146400").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/27 09:15
S10 3	52	("5601572").URPN.	USPAT	OR	OFF	2007/03/27 09:16
S10 4	3	"2470327".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 11:07
S10 5	2	"5601572".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/11 11:07
S10 6	54	("5601572").URPN.	USPAT	OR	OFF	2007/09/11 11:59
S10 7	1	"6336934".PN.	USPAT	OR	OFF	2007/09/11 13:36
S10 8	1	"3044461".PN.	USPAT	OR	OFF	2007/09/11 16:08
S10 9	1	"5707359".pn.	USPAT	OR	OFF	2007/09/11 16:09

S11 0	26	("2470327"|"3916908"|"4605002"|"4655218"|"5453086"|"5578076"|"5601572"|"5618307"|"5732872"|"6019790"|"6695866").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/12 08:09
S11 1	5	("6019790").URPN.	USPAT	OR	OFF	2007/09/12 08:13